

**ПУБЛИКАЦИИ В ИНОСТРАННЫХ ПЕРИОДИЧЕСКИХ ИЗДАНИЯХ**

1. ALvaro J.J., Ahlberg P., Babcock L.E., Bordonaro O.L., Choi D.K., Cooper R.A., Ergaliev G.K.H., Gapp I.W., Pour M.G., Hughes N.C., Jago J.B., **Korovnikov I.**, Laurie J.R., Lieberman B.S., Paterson J.R., Pegel T.V., Popov L.E., Rushton A.W.A., Sukhov S.S., Tortello M.F., Zhou Z., Zylinska A. Global Cambrian trilobite palaeobiogeography assessed using parsimony analysis of endemism // Geological Society Memoir. Early Palaeozoic Biogeography and Palaeogeography, 2013, **38**, № 1, P. 273-296, (Scopus)
2. Andersson F., **Duchkov A.A.** Extended structure tensors for multiple directionality estimation // Geophysical Prospecting, 2013, **61**, № 6, P. 1135-1149, (WoS).
3. Anikonov Yu.E., **Gorshkalev S.B.**, Maltseva S.V., Volkov Yu.S., Derevtsov E.Yu. A Criterion for the Horizontal Homogeneity of a Medium in the Inverse Kinematic Problem of Seismics // Journal of Mathematical Sciences (United States), 2013, **195**, № 6, (Scopus)
4. Babakhanov I.Y., Belinskaya A.Y., Bizin M.A., Grekhov O.M., **Khomutov S.Y.**, **Kuznetsov V.V.**, Pavlov A.F. The geophysical disturbances during the total solar eclipse of 1 August 2008 in Novosibirsk, Russia // Journal of Atmospheric and Solar-Terrestrial Physics, 2013, **92**, P. 1-6, (WoS).
5. **Belonosov M.A.**, Kostov C., Reshetova G.V., **Soloviev S.A.**, **Tcheverda V.A.** Parallel Numerical Simulation of Seismic Waves Propagation with Intel Math Kernel Library // Lecture Notes in Computer Science, 2013, **7782**, P. 153-167
6. Bianchi M., Heit B., **Jakovlev A.**, Yuan X., Kay S. M., Sandvol E., Alonso R.N., Coira B., Brown L., Kind R., Comte D. Teleseismic tomography of the southern Puna plateau in Argentina and adjacent regions // Tectonophysics, 2013, **586**, P. 65-83, (WoS).
7. Bogdanov V.V., **Karsten W.V.**, Miroshnichenko V.L., Volkov Y.S. Application of splines for determining the velocity characteristic of a medium from a vertical seismic survey // Central European Journal of Mathematics, 2013, **11**, № 4, P. 779-786, (Scopus)
8. Chudaev O., **Shvartsev S.L.**, Ryzenko B. V.I. Vernadsky and main research avenues in modern hydrogeochemistry // Procedia Earth and Planetary Science. Proceedings of the Fourteenth International Symposium on Water-Rock Interaction, WRI 14 (Palais des Papes, Avignon, France, 9-14 June 2013), 2013, **7**, P. 163-166
9. **Devyatova A.**, **Yurkevich N.** Trace Elements Atmospheric Pollution from High Temperature Anthropogenic Processes // International Proceedings of Chemical, Biological and Environmental Engineering, 2013, **56**, P. 110-115
10. **Dzyuba O.S.**, Izokh O.P., **Shurygin B.N.** Carbon isotope excursions in Boreal Jurassic-Cretaceous boundary sections and their correlation potential // Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, **381-382**, P. 33-46, (WoS).
11. **Epov M.**, **Suhorukova C.**, **Glinskikh V.**, **Nikitenko M.**, **Nechaev O.**, **Surodina I.** Effective Electromagnetic Log Data Interpretation in Realistic Reservoir Models // Open Journal of Geology, 2013, **3**, № 2B, P. 81-86
12. Fedotov A.P., **Phedorin M.A.**, Enushchenko I.V., Vershinin K.E., Krapivina S.M., Vologina E.G., Petrovskii S.K., Melgunov M.S., Sklyarova O.A. Drastic desalination of small lakes in East Siberia (Russia) in the early twentieth century: inferred from sedimentological, geochemical and palynological composition of small lakes // Environmental Earth Sciences, 2013, **68**, № 6, P. 1733-1744, (WoS).
13. Gaina C., Medvedev S., Torsvik T.H., **Koulakov I.**, Werner S.C. 4D Arctic: A Glimpse into the Structure and Evolution of the Arctic in the Light of New Geophysical Maps, Plate Tectonics and Tomographic Models // Surveys in Geophysics, 2013

14. **Goldin S.V.** Physical interpretation of degeneracies of the Christoffel equation in the theory of anisotropic elasticity // Geophysical Prospecting, 2013, **61**, № 6, P. 1084-1098, (WoS).
15. Grechka V., **Yaskevich S.** Inversion of microseismic data for triclinic velocity models // Geophysical Prospecting, 2013, **61**, № 6, P. 1159-1170
16. Gureev V.N., **Mazov N.A.** Citation Analysis as a Basis for the Development of an Additional Module in Antiplagiarism Systems // Scientific and Technical Information Processing, 2013, **40**, № 4, P. 264-267
17. Gureev V.N., **Mazov N.A.** Themes of the Publications of an Organization as a Basis for Forming an Objective and Optimal Repertoire of Scientific Periodicals // Scientific and Technical Information Processing, 2013, **40**, № 4, P. 195-204
18. **Gureyev V.N., Mazov N.A.** Detection of Information Requirements of Researchers Using Bibliometric Analyses to Identify Target Journals // Information Technology and Libraries, 2013, **32**, № 4, P. 66-77
19. **Ivanova I.S., Lepokurova O.E., Pokrovsky O.S., Shvartsev S.L.** Geochemistry of iron in fresh groundwater of the Sredneobskoy basin, Russia // Procedia Earth and Planetary Science. Proceedings of the Fourteenth International Symposium on Water-Rock Interaction, WRI 14 (Palais des Papes, Avignon, France, 9-14 June 2013), 2013, **7**, P. 385-388
20. **Jakovlev A., Rumpker G., Schmeling H., Koulakov I., Lindenfeld M., Wallner H.** Seismic images of magmatic rifting beneath the western branch of the East African rift // Geochemistry, Geophysics, Geosystems, 2013, **14**, № 11, P. 4906-4920
21. **Jaxybulatov K., Koulakov I., Dobretsov N.L.** Segmentation of the Izu-Bonin and Mariana slabs based on the analysis of the Benioff seismicity distribution and regional tomography results // Solid Earth, 2013, **4**, № 1, P. 59-73, (WoS).
22. Khritova M.A., **Gilyova N.A.** Automated Processing of Regional Earthquakes in Cisbaikalia and Transbaikalia // Seismic Instruments, 2013, **49**, № 1, C. 53-63
23. **Kolpakova M.** Equilibrium of west Mongolian soda lake waters with carbonate and aluminosilicate minerals // Procedia Earth and Planetary Science. Proceedings of the Fourteenth International Symposium on Water-Rock Interaction, WRI 14 (Palais des Papes, Avignon, France, 9-14 June 2013), 2013, **7**, P. 444-447, (WoS).
24. **Korovnikov I., Sennikov N., Danelian T., Obut O., Pouille L.** The biostratigraphic and palaeoenvironmental significance of Lower Cambrian (Botomian) trilobites from the Ak-Kaya section of the Altai Mountains (southern Siberia, Russia) // Annales de Paléontologie, 2013, **99**, № 1, P. 79-89, (WoS).
25. **Koulakov I.** Studying deep sources of volcanism using multiscale seismic tomography // Journal of Volcanology and Geothermal Research, 2013, **257**, P. 205-226, (WoS).
26. **Koulakov I., Gordeev E.I., Dobretsov N.L., Vernikovsky V.A., Senyukov S., Jakovlev A., Jaxybulatov K.** Rapid changes in magma storage beneath the Klyuchevskoy group of volcanoes inferred from time-dependent seismic tomography // Journal of Volcanology and Geothermal Research, 2013, **263**, P. 75-91, (WoS).
27. **Koulakov I., West M., Izbekov P.** Fluid ascent during the 2004-2005 unrest at Mt. Spurr inferred from seismic tomography // Geophysical Research Letters, 2013, **40**, № 17, P. 4579-4582, (WoS).
28. **Luchinina V.A.** Cambrian algoflora: Association of various microorganism groups // Paleontological Journal, 2013, **47**, № 9, P. 989-996, (WoS).

29. Luehr B.G., **Koulakov I.**, Rabbel W., Zschau J., Ratdomopurbo A., Brotopuspito K.S., Fauzi P., Sahara D.P. Fluid ascent and magma storage beneath Gunung Merapi revealed by multi-scale seismic imaging // Journal of Volcanology and Geothermal Research, 2013, **261**, P. 7-19, (WoS).
30. Mechic J., Ben-Avraham Z., Weber M., Gotze H.-J., Koulakov I., Mohsen A., Stiller M. The distribution of Moho depths beneath the Arabian plate and margins // Tectonophysics, 2013, **609**, P. 234-249
31. **Mitrofanov G.M.**, Priimenko V.I. Prony filtering of seismic data: Mathematical and physical modelling // Revista Brasileira de Geofisica, 2013 , **31**, № 1, P. 151-168, (Scopus)
32. **Naymushina O.S.** Hydrodynamic transformations of the natural hydrogeological system of the Ob-Tom' watershed // Procedia Earth and Planetary Science. Proceedings of the Fourteenth International Symposium on Water-Rock Interaction, WRI 14 (Palais des Papes, Avignon, France, 9-14 June 2013), 2013, **7**, P. 611-614, (WoS).
33. **Nikitenko B.L.**, Reolid M., **Glinskikh L.** Ecostratigraphy of benthic foraminifera for interpreting Arctic record of Early Toarcian biotic crisis (Northern Siberia, Russia) // Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, **376**, P. 200-212, (WoS).
34. Novikov D.A. Hydrogeochemical features of petroleum-bearing deposits of the Yamal peninsula // Oil and Gas Business: Electronic scientific journal, 2013 , **1**, P. 114-143, [http://www.ogbus.ru/eng/authors/Novikov/Novikov\\_4.pdf](http://www.ogbus.ru/eng/authors/Novikov/Novikov_4.pdf)
35. Petrunin A.G., Rogozhina I., Vaughan A.P.M., Kukkonen I.T., Kaban M.K., **Koulakov I.**, Thomas M. Heat flux variations beneath central Greenland's ice due to anomalously thin lithosphere // Nature Geoscience, 2013, **6** , № 9, P. 746-750, (Scopus)
36. **Protasov M.I.**, **Dmitriev M.N.** Gaussian beam imaging of walkaway VSP data based on finite differences in time domain // Computational Geosciences, 2013, **17**, № 6, P. 951-957, (WoS).
37. Radziminovitch N., **Gileva N.**, Melnikova V., Ochkovskaya M.G. Seismicity of the Baikal rift system from regional network observations // Journal of Asian Earth Sciences, 2013, **62**, C. 146-161
38. **Shvartsev S.L.** The system water-rock-gas-organic matter of V. Vernadsky // Procedia Earth and Planetary Science. Proceedings of the Fourteenth International Symposium on Water-Rock Interaction, WRI 14 (Palais des Papes, Avignon, France, 9-14 June 2013), 2013, **7**, P. 810-813 , (WoS).
39. **Shvartsev S.L.** Water-Rock Interaction: Implications for the Origin and Program of Global Evolution // International Journal of Sciences, 2013, **2**, P. 26-30
40. **Sidkina E.S.** Underground Brines of the Tunguska Artesian Basin (West Siberian Plate) // Procedia Earth and Planetary Science. Proceedings of the Fourteenth International Symposium on Water-Rock Interaction, WRI 14 (Palais des Papes, Avignon, France, 9-14 June 2013), 2013, **7**, P. 814-817
41. **Silvestrov I.**, **Neklyudov D.**, Kostov C., **Tcheverda V.** Full-waveform inversion for macro velocity model reconstruction in look-ahead offset vertical seismic profile: Numerical singular value decomposition-based analysis // Geophysical Prospecting, 2013, **61**, № 6, P. 1099-1113, (WoS).
42. Stanevich A.M., **Postnikov A.A.**, Kornilova T.A., **Terleev A.A.**, **Popov N.V.** Bacterial, fungal, and algal microfossils in the Lower Proterozoic Baikal region of Siberia (Udokan and Sayany Mountains) // Paleontological Journal, 2013, **47**, № 9, P. 977-983, (WoS).

43. **Timofeev V.**, Kulinich R., Valitov M., Stus Y., Kalish E., Ducarme B., Gornov P., **Ardyukov D.**, Sizikov I., **Timofeev A.**, Gilmanova G., Kolpashikova T., Proshkina Z. Coseismic Effects of the 2011 Magnitude 9.0 Tohoku-Oki Earthquake Measured at Far East Russia Continental Coast by Gravity and GPS Methods // International Journal of Geosciences, 2013, **4**, № 2, P. 362-370
44. Yarman C.E., Cheng X., Osypov K., Nichols D., **Protasov M.** Band-limited ray tracing // Geophysical Prospecting, 2013, **61**, № 6, P. 1194-1205, (Scopus)
45. Zakharov A.I., **Efov M.I.**, Mironov V.L., Chymitdorzhiev T.N., **Seleznev V.S.**, **Emanov A.F.**, Bykov M.E., Cherepenin V.A. Earth surface subsidence in the kuznetsk coal basin caused by manmade and natural seismic activity according to ALOS PALSAR interferometry // IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, **6**, № 3, P. 1578-1583, (WoS).
46. **Zapivalov N.P.** High - informative gradient magnetometry of nanostructured petroliferous strata // DEW: Drilling and Exploration World, 2013, **22**, № 9, P. 41-44
47. **Zapivalov N.P.** Petroleum Geology of the 21st Century: Theory and Practice // DEW: Drilling and Exploration World, 2013, **22**, № 7, P. 31-46